

Abstract of the Disclosure

A method and system are provided to perform a process of managing communications in an environment including a mobile work machine having one or more on-board data links connected to one or more on-board modules and a gateway and including one or more off-board data links connected to one or more off-board systems and the gateway. The process is performed by the gateway and includes receiving a request generated by a source device and transmitted on a first data link. In one embodiment, the first data link may be either one of the on-board data links and one of the off-board data links. Based on the request, the gateway selectively executes a server application that performs a server process. Further, the gateway identifies a destination device associated with the request, configures the request to a format compatible with the destination device, and provides the formatted request to the destination device. Additionally, the gateway receives a response to the formatted request generated by the destination device, configures the response to a format compatible with the first data link, and sends the response to a target device over the first data link.